

Title (en)
HIGH POWER LED ELECTRO-OPTIC ASSEMBLY

Title (de)
ELEKTRO-OPTISCHE HOCHLEISTUNGS-LED-ANORDNUNG

Title (fr)
ENSEMBLE ELECTRO-OPTIQUE A DIODES LUMINEUSES HAUTE PUISSANCE

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Application
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Abstract (en)
[origin: WO2006001928A1] The present invention provides a high power LED electro-optic assembly (40) including conductive heat sink (18) and an LED (14) mounted at one end of the heat sink. The LED (14) is in electrical engagement with the heat sink (18). The assembly (40) also includes a reflector (2) mounted at the other end of the heat sink. An insulating bond material (19) is provided between the reflector and the sink. The assembly (40) further includes a conductive bonding pin (15) extending through the reflector (12) and is in conductive engagement therewith and an electrical engagement (16) which electrically engages the pin (15) to the LED (14). Finally, an electric sleeve assembly (30) where the sleeve (32) is coated with an electrical insulating coating (34) is applied to the LED electro-optic assembly.

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